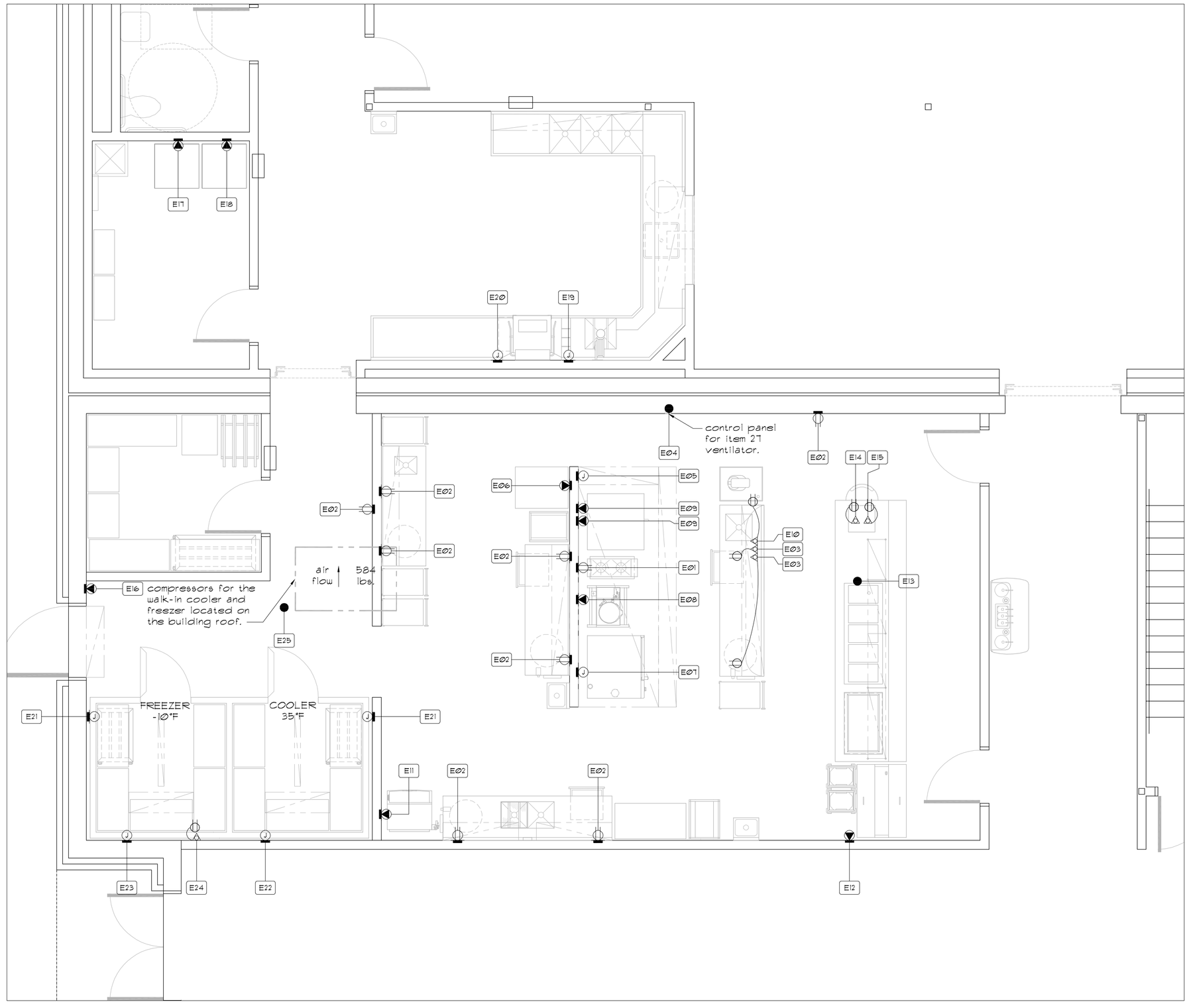
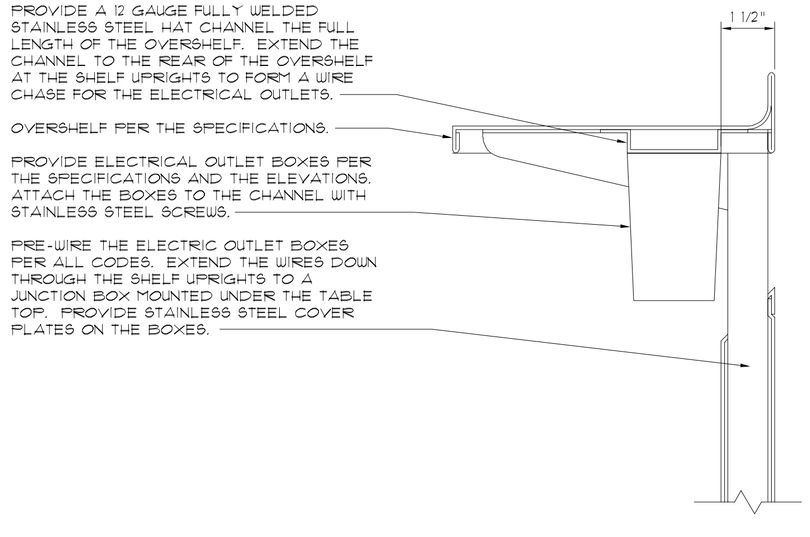


1 FOODSERVICE EQUIPMENT ELECTRICAL CONNECTIONS PLAN

1/4" = 1'-0"

NORTH



2 DETAIL - ELECTRICAL BOXES AT THE OVERSHELVES

NO SCALE

ELECTRICAL CONNECTIONS SCHEDULE

NO.	ITEM NO.	CONN.	SERVICE TO	RATING	VOLTS	PH	LOCATION	AFF	REMARKS
E01	25	DR	CONVENIENCE	16.0 A	120	1	WALL	12"	RATING ASSUMES A 20.0 A OUTLET.
E02	12, 18, & 22	DR	CONVENIENCE	16.0 A	120	1	WALL	50"	RATING ASSUMES A 20.0 A OUTLET.
E03	32	C6R	CONVENIENCE	16.0 A	120	1	FLOOR	9"	RATING ASSUMES A 20.0 A OUTLET. - SEE DETAIL 2, SHEET FS401
E04	27	C6	VENTILATOR EMS SYSTEM	15.0 A	120	1	WALL	48"	BTC
E05	28	JB	FIRE SUPPRESSION SYSTEM	5.0 A	120	1	WALL	108"	BTC
E06	21	6R	PROOF/HOT CABINET	1.92 KW	120	1	WALL	50"	
E07	23	JB	COMBI-OVEN	37.4 KW	480	3	WALL	12"	BTC - VERIFY LOAD WITH THE EXISTING EQUIPMENT. CORD & PLUG BY THE ELECTRICAL CONTRACTOR.
E08	24	6R	24 QUART TILTING KETTLE	6.3 KW	208	3	WALL	12"	
E09	26	6R	CONVECTION OVEN	1/2 HP	120	1	WALL	12"	
E10	29	6R	8 QUART MIXER	1/4 HP	120	1	FLOOR	9"	BTC - SEE DETAIL 2, SHEET FS401
E11	11	DCR	ICE MAKER	14.3 A	120	1	WALL	78"	CORD & PLUG BY THE ELECTRICAL CONTRACTOR.
E12	35	6R	MILK COOLER	1/5 HP	120	1	WALL	24"	
E13	36	C6	SERVING COUNTER	24.0 A	208	3	FLOOR	9"	125.0 AMP LOAD CENTER IN THE EQUIPMENT BY THE FOODSERVICE CONTRACTOR. 4-WIRE. LOAD SHOWN IS ACTUAL LOAD PLUS 25%.
E14	39	C6R	POS SYSTEM	12.0 A	120	1	FLOOR	9"	
E15	39	C6R	POS SYSTEM	---	---	--	FLOOR	9"	PROVIDE AN EMPTY CONDUIT FOR DATA VERIFY THE CONDUIT SIZE AND ENDING LOCATION WITH THE OWNER.
E16	01	6R	AIR DOOR	1 HP	120	1	WALL	90"	CORD & PLUG BY THE ELECTRICAL CONTRACTOR
E17	42	6R	WASHER	10.0 A	120/	1	WALL	50"	
E18	43	6R	DRYER	30.0 A	120/ 208	1	WALL	50"	
E19	51	JB	DRAIN WATER TEMPERING KIT	5.0 A	120	1	WALL	12"	BTC
E20	51	JB	DISHWASHER	1 HP, 6.0 KW & 12.0 KW	480	3	WALL	78"	BTC
E21	02	JB	WALK-IN LIGHTS & HEATER	6.0 A	120	1	WALL	108"	BTC - PENETRATE THE WALK-IN THROUGH THE TOP. RUN THE CONDUIT NEAR THE CEILING IN A NEAT MANNER. SEAL THE HOLE AND THE CONDUIT IN AN AIR TIGHT MANNER.
E22	02	JB	WALK-IN EVAPORATOR	1.0 A	208	1	WALL	108"	BTC - PENETRATE THE WALK-IN THROUGH THE TOP. RUN THE CONDUIT NEAR THE CEILING IN A NEAT MANNER. SEAL THE HOLE AND THE CONDUIT IN AN AIR TIGHT MANNER.
E23	02	JB	WALK-IN EVAPORATOR	9.8 A	208	1	WALL	108"	BTC - PENETRATE THE WALK-IN THROUGH THE TOP. RUN THE CONDUIT NEAR THE CEILING IN A NEAT MANNER. SEAL THE HOLE AND THE CONDUIT IN AN AIR TIGHT MANNER.
E24	02	C6R	WALK-IN HEAT TAPE	16.0 A	120	1	WALL	108"	BTC - PENETRATE THE WALK-IN THROUGH THE TOP. RUN THE CONDUIT NEAR THE CEILING IN A NEAT MANNER. SEAL THE HOLE AND THE CONDUIT IN AN AIR TIGHT MANNER. THE ELECTRICAL CONTRACTOR IS TO FURNISH AND INSTALL A RECEPTACLE IN THE WALK-IN FOR THE HEAT TAPE.
E25	02	C6	REFRIGERATION SYSTEM	15.0 A	480	3	ROOF	9"	BTC

ELECTRICAL SYMBOLS

	DR	DUPLEX RECEPTACLE
	6R	1 PH. SINGLE PURPOSE RECEP.
	JB	JUNCTION BOX IN WALL
	C6	CONDUIT STUB UP/OUT
	C6R	CONDUIT STUB - BTC AT RECEPTACLE FURNISHED WITH EQUIP.
	BTC	BRANCH TO CONNECTION
	AFF	ABOVE FINISHED FLOOR
	DFA	DROP FROM ABOVE

NOTES

THE ELECTRICAL CONTRACTOR TO ROUGH-IN FROM THE FOODSERVICE CONTRACTORS ROUGH-IN DRAWINGS ONLY. THE ELECTRICAL CONTRACTOR WILL TAKE FULL RESPONSIBILITY FOR THE ROUGH-IN LOCATIONS IF THE FOODSERVICE AND/OR ELECTRICAL DRAWINGS ARE USED FOR THIS WORK.

ELECTRICAL NOTES

DO NOT ROUGH-IN FROM THIS DRAWING. REFER TO CONTRACTOR'S DIMENSIONED DRAWINGS.

1. VERIFY ALL ELECTRICAL CHARACTERISTICS WITH ARCHITECT'S ENGINEERING DRAWINGS.
2. DIMENSIONS INDICATED ARE TO BE VERIFIED BY THE FOODSERVICE CONTRACTOR AND ADJUSTED AS REQUIRED BY THE FOODSERVICE EQUIPMENT AND/OR FIELD CONDITIONS.
3. REFER TO ARCHITECT'S DRAWINGS FOR CLOCKS, STAFF TIME-CLOCKS AND COMMUNICATION SYSTEMS IN FOODSERVICE AREAS.

THE FOLLOWING WORK IS BY THE ELECTRICAL CONTRACTOR. REFER TO THE ELECTRICAL DRAWINGS AND/OR SPECIFICATIONS FOR ADDITIONAL INFORMATION:

4. FIELD INSTALLATION OF ACCESSORIES & FITTINGS PROVIDED LOOSE WITH THE FOODSERVICE EQUIPMENT.
5. ALL RECEPTACLES TO BE GFI RECEPTACLES PER CODES.
6. CONDUIT AND WIRING BETWEEN THE WALK-IN COOLER AND FREEZER CONDENSING UNITS AND THE EVAPORATORS FOR CONTROLS, FAN MOTORS AND DEFROST HEATING ELEMENTS.
7. CONDUIT AND WIRING FROM EXHAUST HOOD FIRE EXTINGUISHING CYLINDER SWITCH TO EXHAUST HOOD DETECTORS, COOKING EQUIPMENT FUEL SHUT-OFF DEVICES AND ALARM.
8. CONTACTOR OR SHUNT-TRIP BREAKER FOR FUEL SHUT-OFF TO ALL ELECTRICALLY HEATED COOKING EQUIPMENT INDICATED ON DRAWINGS. FUEL SHUT-OFF DEVICE SHALL BE ACTUATED BY FIRE EXTINGUISHING SYSTEM DETECTOR LOCATED IN EXHAUST HOOD.
9. PENETRATIONS IN THE WALK-IN COOLER AND FREEZER MUST BE SEALED IN AN AIR TIGHT MANNER. INSTALL STAINLESS STEEL ESCUTCHEON FLANGE ON THE INTERIOR AND EXTERIOR OF THE UNITS. SEAL THE ESCUTCHEON FLANGE WITH SILICONE SEALANT.

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MOORE PUBLIC SCHOOLS

OLD SCHOOL UPGRADES

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